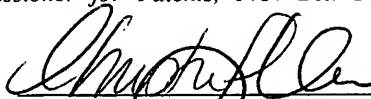


PATENT 1749

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 17, 2006.


Christina L. Vann

Applicant : Gregory A. Dougherty, Sr., et al.
Application No. : 10/727,490
Filed : December 5, 2003
Title : APPARATUS AND METHOD FOR CREATING A VORTEX FLOW

Confirmation No. 7243

Grp./Div. : 1723
Examiner : Tony Glen Soohoo

Docket No. : 56625/E242

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
April 17, 2006

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	34	*34	0	0 x \$25.00	0 x \$50.00	0
Independent Claims	7	** 7	0	0 x \$100.00	0 x \$200.00	0
Multiple Dependent Claims ***				\$180.00	\$360.00	0
TOTAL FILING FEE						0
NO ADDITIONAL FEE REQUIRED	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT CLAIMS: 1, 16, 25, 30, 35, 38, and 42						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME						

04/24/2006 HBARZ11 00000012 10727490 225.00 0P
01 FC:2252

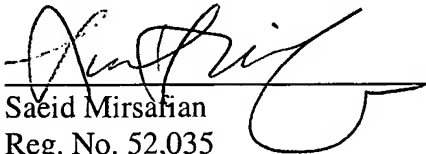
Amendment Transmittal Letter
Application No. 10/727,490

☐ Attached is our check for \$0 to pay the fees calculated above.
☒ A Petition for Extension of Time and the required fee are enclosed.
☒ Other enclosures: (2) Replacement Sheets of Drawings and (2) Annotated Sheets of Drawings

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Saeid Mirsafian
Reg. No. 52,035
626/795-9900

SM/clv

CLV PAS677949.1-*04/17/06 4:58 PM